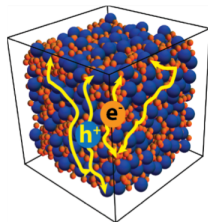
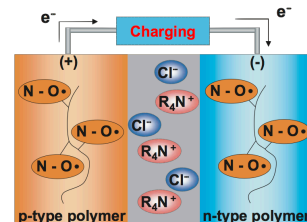


# Materials Chemistry Horizons for Sustainable Energy Futures



Friday 13 November 2015  
Goessmann 153  
8:15 AM – 4:15 PM



8:45 AM – 12:00 noon

## Morning Session

Prof. Hiroyuki Nishide (Waseda University)

*Introductory: Waseda's Program on New Horizon Materials*

Prof. Thomas P. Russell (UMass Amherst)

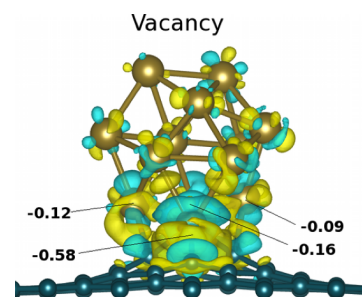
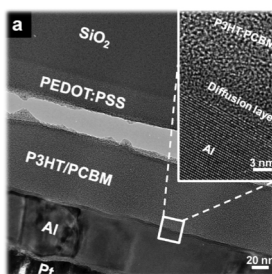
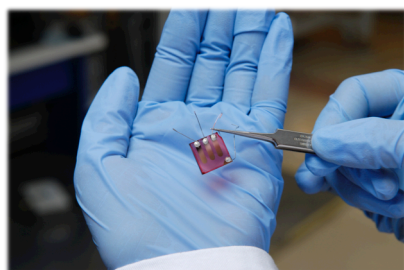
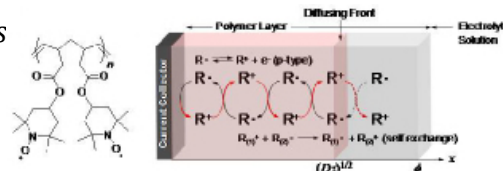
*Polymer Energy-Related Materials and Devices*

Prof. Kenichi Oyaizu (Waseda University)

*Functional Polymers for Energy-Related Materials and Devices*

Prof. D. Venkataraman (UMass Amherst)

*UMass Electronic and Energy Materials Research*



## Afternoon Session

Prof. Ashwin Ramasubramaniam (UMass Amherst)

*Computational Investigations of Organic and Hybrid Organic-Inorganic Solid State Materials*

Prof. Yukio Furukawa (Waseda University)

*Raman and Infrared Spectroscopy of Organic Semiconductors used for Electronic Devices*

Prof. Michael D. Barnes (UMass Amherst)

*Spectroscopy and Microscopy of Electronic Molecules and Materials*

Prof. Toru Asahi (Waseda University)

*Chiroptical study on Photomechanical Crystals*

1:15 PM – 4:15 PM

